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CERTIFICATE OF ANALYSIS

Company : M/s. ISD Meditech Sdn. Bhd
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Lab No : PJ-D/MS/1024/22 (2)

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Sample Description : One (1) sample of Liquid
 Sample Marking : DMDM
 Date Sample Received : 7th January 2022
 Date Analyzed : 11th January 2022 – 17th February 2022
 Date Reported : 17th February 2022

BACTERIOLOGICAL ANALYSIS :


Preservative Efficacy Testing (PET) RESULTS (Single Challenge)

Organism	Inoculum used cfu/ml	0 day		7 day		14 day		21 day		28 day	
		TPC cfu/gm	Log reduction	TPC cfu/gm	Log reduction	TPC cfu/gm	Log reduction	TPC cfu/gm	Log reduction	TPC cfu/gm	Log reduction
* <i>Burkholderia cepacia</i> ATCC 25416	1.1 x 10 ⁸	0	8.04	0	8.04	0	8.04	0	8.04	0	8.04
Date Analyzed :		11.01.2022- 16.01.2022		20.01.2022- 25.01.2022		27.01.2022- 01.02.2022		05.02.2022- 10.02.2022		12.02.2022- 17.02.2022	

Test Method: European Pharmacopoeia 5.1.3

- Remark :
- 1) TPC = Total Plate Count
 - 2) Acceptable criteria for cosmetic product : * A 3- log reduction must be achieved within 7 days for bacteria group
 - 3) Log reduction = Log inoculum – log TPC of day testing

Conclusion: The sample is effective towards the tested organism and the concentrations of viable bacteria are reduced from the initial concentrations by the seventh (7) days. The sample has achieved its acceptable criteria.


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